

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2012 Army											DATE: February 2011	
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE					PROJECT		
2040: Research, Development, Test & Evaluation, Army					PE 0603008A: Electronic Warfare Advanced Technology					TR8: C3 DEMONSTRATIONS (CA)		
BA 3: Advanced Technology Development (ATD)												
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost	
TR8: C3 DEMONSTRATIONS (CA)	7.003	-	-	-	-	-	-	-	-	Continuing	Continuing	
A. Mission Description and Budget Item Justification												
Congressional Interest Item funding for C3 Demonstrations.												
B. Accomplishments/Planned Programs (\$ in Millions)												
Title: Portable Mobile Emergency Broadband Systems (PMEBS)												
Description: This is a Congressional Interest Item.												
FY 2010 Accomplishments:												
Developed a rapidly deployable wireless ad-hoc portable communications system, that is self-configuring, self-healing and multi-hopping (Advanced Encryption Standard (AES)-256 mesh capable) as a low cost, near-term, off-the shelf solution that can supplement existing technology gaps for the last-mile tactical communications.												
Title: Applied Communications and Information Networking (ACIN)												
Description: This is a Congressional Interest Item.												
FY 2010 Accomplishments:												
Matured and demonstrated commercial networking and communications technology in intelligent agents and mobile networking; provided rapid adaptation of commercial communications equipment for military use through the development of new architectures combining commercial and military unique technologies; provided modeling and simulation and planning tools for communications/network planning.												
Title: Cybersecurity in Tactical Environments												
Description: This is a Congressional Interest Item.												
FY 2010 Accomplishments:												
Supported research in the area of Malware and focused on the current and emerging threats that impact software baselines today and also researched solutions that could effectively mitigate these threats.												
Accomplishments/Planned Programs Subtotals										7.003	-	-